

TM 3-4230-209-20P

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

DECONTAMINATING APPARATUS

POWER-DRIVEN, SKID-MOUNTED 500 GALLON, M12A1

<p>This reprint includes all changes in effect at the time of publication; change 1.</p>
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**HEADQUARTERS, DEPARTMENT OF THE ARMY
DECEMBER 1967**

CHANGE }
No. 1 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D. C., 15 August 1969

Organizational Maintenance Repair Parts and Special Tool Lists

DECONTAMINATING APPARATUS, POWER-DRIVEN, SKID-MOUNTED, 500 GALLON, M12A1

TM 3-4230-209-20P, December 1967, is changed as follows:

Page 4. Change paragraph 4.

4. Special Information

a. Action change codes indicated in the left-hand margin of the listing page denote the following:
N—indicates an added item not included in previous publications.

C—Indicates a change in data.

F—Indicates a change in FSN only (old FSN appears in parentheses).

b. The following publications pertain to the M12A1 decontaminating apparatus:

TM 3-4230-209-12 Operator and Organizational Maintenance Manual

LO 3-4230-209-12 Lubrication Order

TM 3-4410-201-20P Organizational Maintenance
Repair Parts and Special
Tool Lists

Page 5. Change paragraph 7.

Delete:

00000 Ordnance Engineering Standards

80049 Department of the Air Force,
Washington, D. C.

Add:

24617 General Motors Corp.
W. Detroit, Mich.

Section II. PRESCRIBED LOAD ALLOWANCE

(1) Federal stock number	(2) Description useable on code	(3) 15-day org maint. alw			
		(A) 1-5	(B) 6-20	(C) 21-50	(D) 51-100
F 5310-880-7744 (5310-012-0376)	GROUP 309.1 - NOZZLES				
	NUT, PLAIN, HEXAGON.....	2	3	6	11
C 4730-540-2458	GROUP 313 - VALVES, DIAPHRAGM				
	FITTING, LUBRICATION.....				2
C 5306-845-7961 (5306-514-7526)	GROUP 404 - FOOT VALVE ASSEMBLY				
	BOLT, SQUARE NECK.....	1	2	3	6
F 5305-078-7039 (5305-913-2449)	THUMBSCREW.....	1	2	3	6
	stl, cad pltd, 3/8 in.-16 UNC, 3/4 lg.				

Section IV. REPAIR PARTS LIST

(1) SMR code	(2) Federal Stock No	(3) Description Reference Number & Mfr Code Usable on Code	(4) Unit of Meas	(5) Qty Inc in Unit	(6) 15 Day Organizational Maint Allow				(7) Illustration	
					(a) 1- 5	(b) 6- 20	(c) 21- 50	(d) 51- 100	(a) Fig No	(b) Item No
C -P-O--	5310-934-9751 (5310-012-0614)	GROUP 302-FRONT PANELS NUT, PLAIN, HEXAGON stl, cad pltd, No. 10-32NF-2B MS35650-302 (96906)	ea	4	*	*	*	*	4	1
C -P-O--	5310-880-7744 (5310-012-0376)	GROUP 309.1-SLURRY GUN AND NOZZLES NUT, PLAIN, HEXAGON stl, cad pltd, 1/8 in.-18 UNC-2B MS51967-5 (96906)	ea	4	*	*	*	2	10	9
C -P-O--	5310-407-9566 (5310-012-0214)	WASHER, LOCK internal tooth, 1/8 in. nom bolt size MS35338-45 (96906)	ea	2	Ref	Ref	Ref	Ref	10	10
C -P-O--	4730-540-2458	GROUP 313-VALVES, DIAPHRAGM FITTING, LUBRICATION stl, cad pltd, w/o check valve 110161 (24617)	ea	1	*	*	*	2	12	1
C -P-O--	5305-078-7039 (5305-913-2449)	GROUP 404-FOOT VALVE ASSEMBLY THUMBSCREW stl, cad pltd, 3/8 in.-16 UNC, 3/4 in. lg. MS21316-56 (96906)	ea	1	2	2	3	6	19	1
C -P-O--	5310-880-7744 (5310-012-0376)	NUT, PLAIN, HEXAGON stl, cad pltd, 1/8 in.-18 UNC-2B MS51967-5 (96906)	ea	3	Ref	Ref	Ref	Ref	19	2
C -P-O--	5306-845-7961 (5306-514-7526)	BOLT, SQUARE NECK stl, 1/4 in.-20 UNC, 1 1/2 in. lg MS35751-16 (96906)	ea	1	2	2	3	6	19	7

Section V. INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS-REFERENCE TO FIGURE AND ITEM NUMBER

Stock number	Figure No.	Item No.	Stock number	Figure No.	Item No.
DELETE			ADD		
1-926-9488	2	-	5305-078-7039	19	1
5-913-2440	19	1	5306-845-7961	19	7
06-514-7526	19	7	5310-407-9566	10	10
10-778-2313	8	9	5310-732-0588	8	9
110-012-0214	10	10	5310-880-7744	10	9
310-012-0376	10	9		19	2
	19	2	5310-934-9751	4	1
5310-012-0614	4	1			

Section IV. INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS-REFERENCE TO FIGURE AND ITEM NUMBER

Reference No.	Mfg. Code	Fig. No.	Item No.	Reference No.	Mfg. Code	Fig. No.	Item No.
DELETE				ADD			
FF-T-305	31348	19	1	MS21316-56	96906	19	1
MS35338-26	96906	10	10	MS35338-45	96906	10	10
MS35650-102	96906	4	1	MS35650-302	96906	4	1
MS35690-505	96906	10	9	MS35751-16	96906	19	7
		19	2				
MS51967-7	96906	8	9	MS51967-5	96906	10	9
10161	00000	12	1			19	2
0-4-10	80049	19	7	MS51967-8	96906	8	9
				110161	24617	12	1

By Order of the Secretary of the Army:

W. C. WESTMORELAND
General, United States Army,
Chief of Staff.

Official:

KENNETH G. WICKHAM,
Major General, United States Army,
The Adjutant General.

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USA FA Cen (2)
USAECFB (2)
USAPC (2)
USA GM Cen (2)
USAIC (2)
USCONARC (10)
ARADCOM (5)
ARADCOM Rgn (5)
USAMUCOM (5)
USAMC (5)
USACDCEC (10)
OS Maj Comd (5)
Armies (5)
Corps (3)
Div (3)
USMA (10)
Svc Colleges (10)
Br Svc Sch (10) except
USACMLCS (50)
Gen Dep (5)
Dep (5)
A Dep (5)
POE (1)
Instl (2)
USATTC (1)
EAMTMTS (1)

WAMTMTS (1)
MOTBA (1)
MOTBY (1)
MOTKI (1)
MOTSU (1)
USAAPSA (5)
Arsenals (3) except
Edgewood Arsenal (50)
PG (5)
Ft Knox FLDMS (10)
Units org under fol TOE:
3-7 (3)
3-147 (3)
3-217 (3)
3-500 (AA-AC) (3)
9-2 (5)
9-17 (1)
11-216 (1)
11-500 (1)
17-52 (1)
29-11 (3)
29-21 (3)
29-27 (1)
29-37 (1)
29-51 (1)
29-57 (1)
29-114 (3)
29-124 (3)
29-136 (3)
29-137 (1)
29-139 (1)
29-216 (3)
29-307 (1)
50-456 (5)
50-732 (3)
50-747 (3)
50-945 (1)

NG: State AG (3)

USAR: None.

For explanation of abbreviations used, see AR 320-50.

TECHNICAL MANUAL
No. 3-4230-209-20P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 4 December 1967

Organizational Maintenance Repair Parts and Special Tools List

DECONTAMINATING APPARATUS, POWER-DRIVEN, SKID-MOUNTED, 500 GALLON, M12A1

Current as of 17 November 1967

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SECTION I

INTRODUCTION

1. Scope

This manual lists repair parts and special tools required for the performance of organizational maintenance of the M12A1 decontaminating apparatus.

2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. *Prescribed Load Allowance (PLA)*—Section II. A composite listing of the repair parts, special tools, test and support equipment having quantitative allowances for initial stockage at the organizational level.

b. *Special Tools, Test and Support Equipment*—Section III. A list of special tools, test and support equipment authorized for the performance of maintenance at the organizational level.

c. *Repair Parts*—Section IV. A list of repair parts authorized for the performance of maintenance at the organizational level in figure and item number sequence.

d. *Federal Stock Number and Reference Number Index*—Section V. A list of Federal stock numbers in ascending numerical sequence followed by a list of reference numbers in ascending alpha-numeric sequence, cross-referenced to the illustration figure number and item number.

3. Explanation of Columns

The following provides an explanation of columns in the tabular lists in sections II, III, and IV:

a. *Source, Maintenance, and Recoverability Codes (SMR) Column.*

- (1) Source code indicates the selection status and source for the listed item. Source codes are—

Code	Explanation
P	Repair parts which are stocked in or supplied from the GSA-DSA, or Army supply system, and authorized for use at indicated maintenance categories.
M	Repair parts which are not procured or stocked but are to be manufactured at indicated maintenance categories.
A	Assemblies which are not procured or stocked as such but are made up of two or more units, each of which carry individual stock numbers and descriptions and are procured and stocked and can be assembled by units at indicated maintenance categories.
X	Parts and assemblies which are not procured or stocked: the mortality of which normally is below that of the applicable end item; and the failure of which would result in retirement of the end item from the supply system.
X1	Repair parts which are not procured or stocked, the retirement for which will be supplied by use of next higher assembly or component.
X2	Repair parts which are not stocked. The indicated maintenance category requiring such repair parts will attempt to obtain through cannibalization; if not obtainable through cannibalization, such repair parts will be requisitioned through normal supply channels.
C	Repair parts authorized for local procurement. If not obtainable

<i>Code</i>	<i>Explanation</i>
	from local procurement, such repair parts will be requisitioned through normal supply channels with a supporting statement of nonavailability from local procurement.
G	Major assemblies that are procured with PEMA funds for initial issue only to be used as exchange assemblies at DSU and GSU level. These assemblies will not be stocked above DSU and GSU level or returned to depot supply level.
(2)	Maintenance code indicates the lowest category of maintenance authorized to install the listed item. The maintenance level code is—

<i>Code</i>	<i>Explanation</i>
O	Organizational Maintenance
(3)	Recoverability code indicates whether unserviceable items should be returned for recovery or salvage. Items not coded are expendable. Recoverability codes are—

<i>Code</i>	<i>Explanation</i>
R	Repair parts and assemblies which are economically repairable at DSU and GSU activities and normally are furnished by supply on an exchange basis.
T	High dollar value recoverable repair parts which are subject to special handling and are issued on an exchange basis. Such repair parts normally are repaired or overhauled at depot maintenance activities.
U	Repair parts specifically selected for salvage by reclamation units because of precious metal content, critical materials, high dollar value reusable casings or castings.

b. Federal Stock Number Column. This column indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

c. Description Column. This column indicates the Federal item name and any additional

description of the item required. The abbreviation w/e, when used as a part of the nomenclature, indicates the Federal stock number includes all armament, equipment, accessories, and repair parts issued with the item. A part number or other reference number is followed by the applicable five-digit Federal supply code for manufacturers in parentheses. Repair parts quantities included in the kits, sets, and assemblies are shown in front of the repair part name.

d. Unit of Measure (U/M) Column. A 2 character alphabetic abbreviation indicating the amount or quantity of the item upon which the allowances are based, e.g., ft, ea, pr, etc.

e. Quantity Incorporated In Unit Column. This column indicates the quantity of the item used in the assembly group. A V appearing in this column in lieu of a quantity indicates that a definite quantity cannot be indicated.

f. 15-Day Organizational Maintenance Allowance Column.

- (1) The allowance columns are divided into four subcolumns. Indicated in each subcolumn opposite the first appearance of each item is the total quantity of items authorized for the number of equipments supported. Subsequent appearances of the same item will have the letters REF in the allowance columns. Items authorized for use as required but not initial stockage are identified with an asterisk in the allowance column.
- (2) The quantitative allowances for organizational level of maintenance represents one initial prescribed load for a 15-day period for the number of equipments supported. Units and organizations authorized additional prescribed loads will multiply the number of prescribed loads authorized by the quantity of repair parts reflected in the density column applicable to the number of items supported to obtain the total quantity of repair parts authorized.
- (3) Organizational units providing maintenance for more than 100 of these equipments shall determine the total quantity of parts required by convert-

ing the equipment quantity to a decimal factor by placing a decimal point before the next to last digit of the number to indicate hundredths, and multiplying the decimal factor by the parts quantity authorized in the 51-100 allowance column. Example, authorized allowance for 51-100 equipments is 40; for 150 equipments multiply 40 by 1.50 or 60 parts required.

- (4) Subsequent changes to allowances will be limited as follows: No change in the range of items is authorized. If additional items are considered necessary, recommendation should be forwarded to Commanding Officer, Edgewood Arsenal, ATTN: SMUEA-TSE-TPL, Edgewood Arsenal, Md. 21010 for exception or revision to the allowance list. Revisions to the range of items authorized will be made by Edgewood Arsenal based upon engineering experience, demand data, or TAERS information.

g. Illustration Column. This column is divided as follows:

- (1) *Figure Number Column.* Indicates the figure number of the illustration in which the item is shown.
- (2) *Item Number Column.* Indicates the callout number used to reference the item in the illustration.

4. Special Information

The following publications pertain to the M12A1 decontaminating apparatus:

AM 3-4230-209-12 Operator's and Organizational Maintenance Manual
 LO 3-4230-209-12 Lubrication Order
 TM 3-4410-201-20P Organizational Maintenance Repair Parts and Special Tools List

5. How To Locate Repair Parts

a. When Federal stock number or reference number is unknown—

- (1) *First.* Using the table of contents, determine the assembly group, i.e., cover and exhaust, front panels, etc,

within which the repair part belongs. This is necessary since illustrations are prepared for assembly groups and listings are divided into the same groups.

- (2) *Second.* Find the illustration covering the assembly group to which the repair part belongs.
- (3) *Third.* Identify the repair part on the illustration and note the illustration figure and item number of the repair part.
- (4) *Fourth.* Using the Repair Parts Listing, find the group or assembly group to which the repair part belongs and locate the illustration figure and item number noted on the illustration.

b. When Federal stock number or reference number is known—

- (1) *First.* Using the Index of Federal Stock Numbers and Reference Numbers, find the pertinent Federal stock number or reference number. This index is in ascending FSN sequence followed by a list of reference numbers in alpha-numeric sequence, cross-referenced to the illustration figure number and item number.
- (2) *Second.* Using the Repair Part Listing, find the assembly group of the repair part and the illustration figure number and item number referenced in the Index of Federal Stock Numbers and Reference Numbers.

6. Abbreviations

Abbreviation Explanation

amp	ampere
cres	corrosion resistant steel
hex	hexagon
NF	American National Fine Thread
NPT	American Standard Taper Pipe Thread
se	set
SPST	single post, single throw
UNC	Unified National Coarse Thread
UNF	Unified National Fine Thread
v	volt

7. Federal Supply Codes for Manufacturers

<i>Code</i>	<i>Manufacturer</i>
00000	Ordnance Engineering Standards
24161	Gates Rubber Company Denver, Colo.
38455	Bell and Gossett Co. Midland Park, N. J.
51378	Rockwood Sprinkler Co. Worcester, Mass.
71177	Buckeye Forging Co. Cleveland, Ohio
72661	Dixon Valve and Coupling Co. Philadelphia, Pa.
72781	Durkee Atwood Co. Minneapolis, Minn.
78030	Hamilton Standard Division of United Aircraft Corporation Windsor Locks, Conn.

80049	Department of the Air Force Washington, D.C.
81348	Federal Specifications
81349	Military Specifications
81361	Edgewood Arsenal Edgewood Arsenal, Md. 21010
88044	Aeronautical Standards Group
96906	Military Standards

8. Recommendations for Maintenance Manual Improvements

Reports of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to DA Publications) and forwarded direct to Commanding Officer, Edgewood Arsenal, ATTN: SMUEA-TSF-TPL, Edgewood Arsenal, Md. 21010.

SECTION II

PRESCRIBED LOAD ALLOWANCE

(1) Federal stock No.	(2) Description	(3) Qty inc in unit pack	(4) 15-day organizational maintenance allowance			
			(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100
	GROUP 200—COVER AND EXHAUST					
2990-994-0827	EXHAUST PIPE -----	--	--	1	2	3
4230-943-5536	COVER ASSEMBLY -----	--	--	--	--	2
	GROUP 302—FRONT PANELS					
5140-904-6101	CARRIER, TOOL -----	--	--	--	--	2
	GROUP 304—BATTERY					
5305-995-1102	SCREW, TAPPING, THREAD CUTTING steel, No. 10-32 UNC-2A, ¾ in lg.	--	--	--	--	2
5310-984-3806	NUT, SELF-LOCKING, HEXAGON hex hd, steel, cad pltd, 5/16 in-18 UNC-2B.	--	--	--	--	2
5340-990-8712	CLAMP, LOOP Steel, w/o cushion, 0.500 in w o/a.	--	--	--	--	2
6140-059-3528	BATTERY 24 v, 2 terminals, 12 lead plates.	--	--	--	2	2
6140-903-4002	LEAD, STORAGE BATTERY Standard wire, No. 4 awg, 52 in lg.	--	--	--	--	--
	GROUP 305.2—CONTROL PANEL					
5920-131-9915	FUZE, CARTRIDGE 20 amp, 32 v max, glass body, 1.250 in lg.	--	--	1	2	3
	GROUP 305.3—HOSE AND FUEL VALVE					
2910-907-2705	TUBE ASSEMBLY, NONMETALLIC -----	--	--	--	2	3
	GROUP 307—ENGINE AND DRIVE ASSEMBLY					
2910-297-5948	GASKET, EXHAUST -----	--	--	1	3	5
2990-900-9688	MUFFLER, EXHAUST dry type, 1 baffle, round body type, 7 in lg.	--	--	1	2	3
3030-843-8393	BELT, v -----	--	1	2	3	6
3030-880-2020	BELT, v ----- set of 4.	--	1	2	3	6
	GROUP 309—DISCHARGE HOSE AND GUN ASSEMBLY					
4230-816-5589	NOZZLE ASSEMBLY, SLURRY -----	--	1	2	3	6
4230-820-1846	GUN ASSEMBLY -----	--	1	2	3	6
	GROUP 309.1—NOZZLES					
4210-809-4862	NOZZLE, FIRE HOSE water, brass, adjustable stream type.	--	1	2	3	6
4210-816-5585	NOZZLE, FIRE HOSE foam.	--	1	2	3	6
4230-402-4349	SPACER, RING -----	--	2	3	6	11
4230-509-2556	HANDLE -----	--	--	--	2	2
4230-857-9317	ORIFICE AND DEFLECTOR ASSEMBLY -----	--	2	3	6	11
5310-012-0376	NUT, PLAIN, HEXAGON steel, cad pltd, 5/16 in-18 UNC-2B.	--	--	--	--	2
5315-616-5328	PIN, STRAIGHT, HEADLESS -----	--	2	5	11	20
5330-081-5886	PACKING, PREFORMED Synthetic rubber, 0.750 in id.	--	2	5	11	20

(1) Federal stock No.	(2) Description	(3) Qty inc in unit pack	(4) 15-day organizational maintenance allowance			
			(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100
	GROUP 309.1--NOZZLE--Continued					
5330-811-9472	GASKET synthetic rubber, 0.81 in dia of aperture, 1.06 in od, 0.09 in thk.	--	3	9	21	38
5340-808-0204	RING, RETAINING -----	--	2	5	11	20
	GROUP 312--PUMP ASSEMBLY					
2520-560-4871	BREATHER, PUMP -----	--	--	2	2	2
4730-050-4208	FITTING, LUBRICATION -----	--	--	--	--	2
	GROUP 313--VALVES, DIAPHRAGM					
4730-540-2458	FITTING, GREASE -----	--	--	--	--	2
	GROUP 314.1--PRIME-DETERGENT TANK					
4230-945-2539	WIRE ROPE ASSEMBLY, SINGLE LEG -----	--	--	--	--	2
	GROUP 314.2--FUEL TANK					
2910-141-9758	CAP, FUEL TANK -----	--	--	--	--	2
	GROUP 315--HOSE					
4230-900-9687	GASKET synthetic rubber, 0.59 in id, 1.06 in od, 0.12 in thk.	--	2	4	9	16
	GROUP 400--TANK UNIT					
4230-930-1981	BOLT ASSEMBLY, HOPPER -----	--	1	2	3	6
	GROUP 401--SUCTION AND BLENDER					
4230-787-7417	GASKET synthetic rubber, 1 1/16 in dia of aperture, 1 9/16 in od, 7/32 in thk.	--	2	4	9	16
4230-787-7432	GASKET -----	--	2	7	16	29
5330-533-2984	WASHER, NONMETALLIC -----	--	3	11	25	50
5330-811-9471	GASKET chloroprene, 0.88 in dia of aperture, 1.31 in od.	--	3	11	25	47
	GROUP 404--FOOT VALVE ASSEMBLY					
5306-514-7526	BOLT, CARRIAGE -----	--	1	2	3	6
4230-374-3265	WEIGHT, SUCTION VALVE -----	--	1	2	3	6
4820-930-1982	VALVE -----	--	2	3	6	11
5305-913-2449	THUMBSGREW steel, cad pltd, 3/4 in--16 UNC, 3/4 in lg.	--	1	2	3	6
	GROUP 500--GUN REPAIR KIT					
4230-970-3378	REPAIR KIT, GUN -----	--	2	6	12	22
	GROUP 600--SUPPORT EQUIPMENT					
5120-088-9393	PLIERS, RETAINING RING, UNIVERSAL 34 (89462).	--	--	--	2	2
5120-278-1280	SCREWDRIVER, FLAT TIP 8 in. blade.	--	--	--	2	2
5120-298-1602	WRENCH, SPANNER, UNIVERSAL MS16152-2 (96906).	--	--	--	2	2
5120-423-6728	WRENCH, OPEN END, ADJUSTABLE 15 in. lg. MS15461-6 (96906).	--	--	--	2	2
5120-187-7126	WRENCH, OPEN END, FIXED 6 in lg, 9/16 in and 5/8 in size GGG-W-636 (81348).	--	--	--	2	2
6635-921-6255	TENSIOMETER, V BELT 12998F (24161).	--	--	--	2	2
8465-224-9505	PAIL, COLLAPSIBLE, CANVAS MIL-P-10018 (81349).	--	2	2	3	6

SECTION III

SPECIAL TOOLS, TEST AND SUPPORT EQUIPMENT LIST

(1) NAES code	(2) Federal stock No.	(3) Description	(4) Unit of Meas	(5) Qty inc in unit	(6) Qty inc in unit	(7) 15-day organizational maintenance ALW				(8) Illustration	
						(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) Figure No.	(b) Item No.
—O—	5120-088-9393	GROUP 600—TOOLS AND EQUIPMENT									
		PLIERS, RETAINING RING, UNIVERSAL	ea	—	1	*	*	2	2	1	1
		34 (89462).									
	5120-187-7126	WRENCH, OPEN END, FIXED	ea	—	1	*	*	2	2	1	5
		8 in lg, 9/16 in and 5/8 in size									
		GGG-W-636 (81848).									
	5120-378-1280	SCREWDRIVER, FLAT TIP	ea	—	1	*	*	2	2	1	2
		8 in blade.									
	5120-293-1602	WRENCH, SPANNER, UNIVERSAL	ea	—	1	*	*	2	2	1	3
		MS16152-2 (96906).									
—O—	5120-423-0728	WRENCH, OPEN END, ADJUSTABLE	ea	—	2	*	*	2	2	1	4
		15 in lg									
		MS15451-6 (96906).									
—O—	6635-921-6255	TENSIO METER, V BELT	ea	—	1	*	*	2	2	1	6
		12998F (24161).									
—O—	8465-224-9505	PAIL, COLLAPSIBLE, CANVAS	ea	—	1	2	2	3	6	1	7
		MIL-P-10018 (81349).									

SECTION IV REPAIR PARTS LIST

(1) SMB code	(2) Federal stock No.	(3) Description	(4) Unit of Meas	(5) Qty inc in unit pack	(6) Qty inc in unit	(7) 15-day maintenance ALW				(8) Illustration
						(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	
	4230-926-9488	DECONTAMINATING APPARATUS, POWER-DRIVEN, SKID-MOUNTED, M12A1	ea	--	1	--	--	--	--	2
		GROUP 200-COVER AND EXHAUST								
-P-O---	4230-943-5536	COVER ASSEMBLY E5-45-3221 (81361).	ea	--	1	*	*	*	2	3
-P-O---	2390-994-0827	EXHAUST PIPE C5-45-3256 (81361).	ea	--	2	*	2	2	3	3
		GROUP 302-FRONT PANELS								
-P-O---	5310-012-0614	NUT, PLAIN, HEXAGON steel, cad pltd, No. 10-32 NF-2B MS35650-102 (96906).	ea	--	4	*	*	*	*	4
-P-O---	5310-576-5752	WASHER, LOCK steel, flat internal tooth, No. 10 nom size MS35333-39 (96906).	ea	--	4	*	*	*	*	4
-P-O---	5305-990-6444	SCREW, MACHINE steel, pan hd, No. 10-32 UNF-2A, 3/8 in lg MS35207-261 (96906).	ea	--	4	*	*	*	*	4
-P-O---	5140-904-6101	CARRIER, TOOL D5-45-3240 (81361).	ea	--	1	*	*	*	2	4
		GROUP 304-BATTERY								
-P-O---	5305-995-1102	SCREW, TAPPING, THREAD CUTTING steel, No. 10-32 UNC-2A, 3/8 in lg.	ea	--	1	*	*	*	2	5
-P-O---	6140-903-4002	LEAD, STORAGE BATTERY standard wire, No. 4 AWG, 52 in lg B5-45-3134 (81361).	ea	--	1	*	*	*	2	5
-P-O---	5340-990-8712	CLAMP, LOOP steel w/o cushion, 0.500 in w o/a MS21334-5 (96906).	ea	--	1	*	*	*	2	5
-P-O---	5310-984-3806	NUT, SELF-LOCKING, HEXAGON hex hd, steel, cad pltd, 5/16 in-18 UNC-2B MS51922-9 (96906).	ea	--	1	2	*	*	2	5

(1) In	(2) Federal stock No.	(3) Description	(4) Unit of Meas	(5) Qty inc unit pack	(6) Qty inc unit	(7) 15-day organizational maintenance ALW				(8) Illustration
						(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	
O—	5310-081-4219	WASHER, FLAT steel, 5/16 in id MS27183-12 (96906).	ea	--	2	*	*	*	*	5 5
-O-U	6140-059-3528	BATTERY 24 v, 2 terminals, 12 lead plates MS75047-1 (96906).	ea	--	1	*	*	2	2	5 6
P-O—	5920-131-9915	GROUP 305.2—CONTROL PANEL FUZE, CARTRIDGE 20 amp, 32 v max, glass body, 1.250 in lg MS90080-4 (96906).	ea	--	2	2	2	2	3	6 1
P-O—	6240-019-0878	BULB 24 v, double contact, 3 candle power MS15569-7 (96906).	ea	--	1	*	*	*	*	6 2
P-O—	2910-907-2705	GROUP 305.3—HOSE AND FUEL VALVE TUBE ASSEMBLY, NONMETALLIC B5-45-3195 (81361).	ea	--	2	*	2	2	3	7 1
P-O—	3030-843-3393	BELT, V 3V315 (72781).	ea	--	1	2	2	3	6	8 1
P-O—	3030-880-2020	BELT, V set of 4 3V315 (4) (72781).	ea	--	1	2	2	3	6	8 2
P-O—	5310-084-3806	NUT, SELF-LOCKING, HEXAGON hex hd, steel, cad pltd, 5/16 in-18 UNC-2B.	ea	--	1	REF	REF	REF	REF	8 3
P-O—	5310-081-4219	WASHER, FLAT steel, 5/16 in id.	ea	--	1	REF	REF	REF	REF	8 4
P-O—	5306-225-9498	BOLT, MACHINE, HEXAGON HEAD steel, 5/16 in-18 UNC-2A, 7/8 in lg MS90725-33 (96906).	ea	--	4	*	*	*	*	8 5
P-O—	5306-225-9499	BOLT, MACHINE, HEXAGON HEAD steel, 5/16 in-18 UNC-2A, 1 in lg MS90725-34 (96906).	ea	--	4	*	*	*	*	8 6
P-O—	5310-407-9566	WASHER, LOCK steel, 5/16 in nom size MS35338-45 (96906).	ea	--	5	*	*	*	*	8 7

X2-O	---	ANGLE, SUPPORT front B5-45-3033-2 (81361).	ea	---	1	---	---	---	---	8	8
P-O	5310-778-2813	NUT, PLAIN, HEXAGON steel, cad pltd, ½ in-16 UNC-2B MS51967-7 (96906).	ea	---	6	*	*	*	*	8	9
P-O	5310-637-9541	WASHER, LOCK steel, cad pltd, ½ in nom size MS35338-46 (96906).	ea	---	5	*	*	*	*	8	10
P-O	5305-269-3213	SCREW, CAP, HEXAGON HEAD steel, cad pltd, ½ in-16 UNC-2A, 1¼ in lg MS90725-62 (96906).	ea	---	4	*	*	*	*	8	11
P-O	2990-900-9688	MUFFLER, EXHAUST dry type, 1 baffle, round body type, 7 in lg B5-45-3165 (81361).	ea	---	2	*	2	2	3	8	12
P-O	2910-297-5948	GASKET, EXHAUST B5-45-3144 (81361).	ea	---	2	*	2	3	5	8	13
X2-O	---	COVER, ENGINE C5-45-3191 (81361).	---	---	1	---	---	---	---	8	14
P-O	5310-225-6993	NUT, SELF-LOCKING, HEXAGON steel, cad pltd, ½ in-13 UNC-2B MS51922 (96906).	ea	---	5	*	*	*	*	8	15
P-O	5310-809-5998	WASHER, FLAT steel, cad pltd, 0.531 in id, 1.052 in od, 0.095 in thk MS27183-18 (96906).	ea	---	1	*	*	*	*	8	16
P-O	5305-269-3210	SCREW, CAP, HEXAGON HEAD steel, ½ in-16 UNC-2A, ½ in lg MS90725-59 (96906).	ea	---	4	*	*	*	*	8	17
X2-O	---	PULLEY ASSEMBLY, DRIVER C5-45-3180 (81361).	ea	---	1	---	---	---	---	8	18
GROUP 309-- DISCHARGE HOSE AND GUN ASSEMBLY											
P-O-R	4230-820-1846	GUN ASSEMBLY C5-45-2563 (81361).	ea	---	2	2	2	3	6	9	1
P-O	4230-816-5589	NOZZLE ASSEMBLY, SLURRY C5-45-2700 (81361).	ea	---	4	2	2	3	6	9	2
X2-O	---	PIPE, EXTENSION C5-45-2911 (81361).	ea	---	2	---	---	---	---	9	3
X2-O	---	VALVE, BALL ¾ in-14 NPT, steel, corrosive resistant C5-45-2920 (81361).	ea	---	2	---	---	---	---	9	4

(1) SMR code	(2) Federal stock No.	(3) Description	(4) Unit of Meas	(5) Qty incl in pack	(6) Qty inc in unit	(7) 15-day organizational maintenance ALW				(8) Illustration	
						(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) Future No.	(b) Item No.
-P-O-	5330-811-9472	GROUP 309.1--SLURRY GUN AND NOZZLES GASKET synthetic rubber, 0.81 in dia of aperture, 1.04 in od, 0.09 in thk B5-45-2934 (81361). RING, RETAINING MS16625-4156 (96906). SPACER, RING S7770 (51378). ORIFICE AND DEFLECTOR ASSEMBLY S7758-1 (51378). PIN, STRAIGHT, HEADLESS 538424 (73030). PACKING, PREFORMED synthetic rubber, 0.750 in id S7799 (51378). NOZZLE, FIRE HOSE water, brass, adjustable stream type C5-45-2699 (81361). NOZZLE, FIRE HOSE foam C5-45-2701 (81361). NUT, PLAIN, HEXAGON steel, cad pltd, 5/16 in--18 UNC-2B MS35690-505 (96906). WASHER, LOCK internal tooth, 5/16 in nom bolt size MS35338-26 (96906). HANDLE V853 (51378).	ea	--	8	3	9	21	38	10	1
-P-O-	5340-806-0204		ea	--	4	2	5	11	20	10	2
-F-O-	4230-402-4349		ea	--	4	2	3	6	11	10	3
-P-O-	4230-857-9317		ea	--	4	2	6	12	22	10	4
-P-O-	5315-616-5328		ea	--	4	2	5	11	20	10	5
-P-O-	5330-081-5336		ea	--	4	2	5	11	20	10	6
-P-O-	4210-809-4862		ea	--	2	2	2	3	6	10	7
-P-O-	4210-516-5585		ea	--	2	2	2	3	6	10	8
-P-O-	5310-012-0376		ea	--	4	*	*	*	2	10	9
-P-O-	5310-012-0214		ea	--	2	*	*	*	*	10	10
-P-O-	4230-509-2556		ea	--	2	*	*	2	2	10	11
-P-O-	4730-050-4208	GROUP 312--PUMP ASSEMBLY FITTING, LUBRICATION hydraulic type, steel, 1/4 in--27 NPT male thd, w/check valve MS15009-1 (96906). BREATHER, PUMP B5-45-2773 (81361). PLUG, PIPE	ea	--	1	*	*	*	2	11	1
-P-O-	2520-560-4871		ea	--	1	*	2	2	2	11	2
X2-O-	-----		ea	--	1	--	--	--	--	11	3

GROUP 313—VALVES, DIAPHRAGM

-P-O—	4730-540-2458	FITTING, GREASE 110161 (00000).	ea	--	1	*	*	2	12	1
-P-O—	5310-208-9255	GROUP 314.1—PRIME-DETERGENT TANK NUT, SELF-LOCKING, HEXAGON cres, No. 10-32 UNF-2B MS21044-C3 (96906).	ea	--	1	*	*	*	13	1
-P-O—	5305-059-8659	SCREW, MACHINE cres, No. 10-32 UNF-2A, ½ in lg MS51958-63 (96906).	ea	--	1	*	*	*	18	2
-P-O—	4230-945-2539	WIRE ROPE ASSEMBLY, SINGLE LEG 12 5/16 in lg, w/loop B5-45-3037 (81361).	ea	--	1	*	*	2	13	3
X2-O—	—	LID, TANK C5-45-2996 (81361).	ea	--	1	--	--	--	13	4
-P-O—	2910-141-9758	GROUP 314.2—FUEL TANK CAP, FUEL TANK MS35645 (96906).	ea	--	1	*	*	2	14	1
-P-O—	4230-900-9687	GROUP 315—HOSE GASKET synthetic rubber, 0.59 in id, 1.06 in od, 0.12 in thk B5-45-3200 (81361).	ea	--	2	2	4	9	15	1
-P-O—	5305-269-3210	GROUP 322—SKID ASSEMBLY SCREW, CAP, HEXAGON HEAD steel, ¾ in-16 UNC-2A, ¾ in lg.	ea	--	3	REF	REF	REF	16	1
-P-O—	5310-637-9541	WASHER, LOCK steel, cad pltd, ¾ in nom size.	ea	--	3	REF	REF	REF	16	2
-P-O—	5310-225-6993	NUT, SELF-LOCKING, HEXAGON steel, cad pltd, ½ in-13 UNC-2B.	ea	--	1	REF	REF	REF	16	3
-P-O—	5310-809-5998	WASHER, FLAT steel, cad pltd, 0.531 in id, 1.062 in od, 0.095 in thk.	ea	--	1	REF	REF	REF	16	4
-P-O—	4230-930-1981	GROUP 400—TANK UNIT BOLT ASSEMBLY, HOPPER B5-45-3153 (81361).	ea	--	2	2	2	3	17	1
-P-O—	4230-787-7482	GROUP 401—HOSE, SUCTION AND BLENDER GASKET B5-45-3120-2 (81361).	ea	--	4	2	7	16	18	1
-P-O—	5330-633-2984	WASHER, NONMETALLIC SD-28 (72661).	ea	--	2	3	11	25	18	2

(2) Federal Stock No.	(3) Description	(4) Unit of Meas	(5) Qty in unit pack	(6) Qty inc in unit	(7) 15-day organizational maintenance ALW				(8) Illustration	
					(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) Figure No.	(b) Item No.
	GROUP 401—HOSE, SUCTION AND BLENDER—Continued									
5330-811-9471	GASKET chloroprene, 0.88 in dia of aperture, 1.31 in od B5-45-2635 (81361).	ea	--	1	3	4	25	47	18	3
4230-787-7417	GASKET synthetic rubber, 1 1/16 in dia of aperture, 1 9/16 in od, 7/32 in thk B5-45-3130-1 (81361).	ea	--	1	2	4	9	16	18	4
5305-913-2449	GROUP 404—FOOT VALVE ASSEMBLY THUMBSCREW steel, cad pltd, 1/2 in-16 UNC, 1/2 in lg FF-T-305 (81348).	ea	--	1	2	2	3	6	19	1
5310-012-0376	NUT, PLAIN, HEXAGON steel, cad pltd, 3/16 in-18 UNC-2B.	ea	--	3	REF	REF	REF	REF	19	2
5306-225-8507	BOLT, MACHINE MS90725-43 (96906).	ea	--	3	*	*	*	*	19	3
5310-761-6882	NUT, PLAIN, HEXAGON steel, cad pltd, 1/2 in-20 UNC-2B MS51967-2 (96906).	ea	--	1	*	*	*	*	19	4
5310-582-5965	WASHER, LOCK steel, 1/4 in nom size MS35338-44 (96906).	ea	--	1	*	*	*	*	19	5
4320-374-3265	WEIGHT, SUCTION VALVE lower 21033 (38455).	ea	--	1	*	*	*	2	19	6
5306-514-7526	BOLT, CARRIAGE 70-4-10 (80049).	ea	--	1	2	2	3	6	19	7
4320-374-3267	WEIGHT, SUCTION VALVE upper 21109 (38455).	ea	--	1	2	2	3	6	19	8
4320-930-1982	VALVE 31049 (38455).	ea	--	1	2	3	6	11	19	9
4230-970-3378	GROUP 500—GUN REPAIR KIT REPAIR KIT, GUN A10-08599 (51378).	ea	--	1	2	6	12	22	20	1
	1 ea O-RING -----	--	--	--	--	--	--	--	20	2
	1 ea BUSHING -----	--	--	--	--	--	--	--	20	3
	1 ea O-RING -----	--	--	--	--	--	--	--	20	4
	1 ea SPRING, RETAINING -----	--	--	--	--	--	--	--	20	5
	1 ea BALL SEAT -----	--	--	--	--	--	--	--	20	6

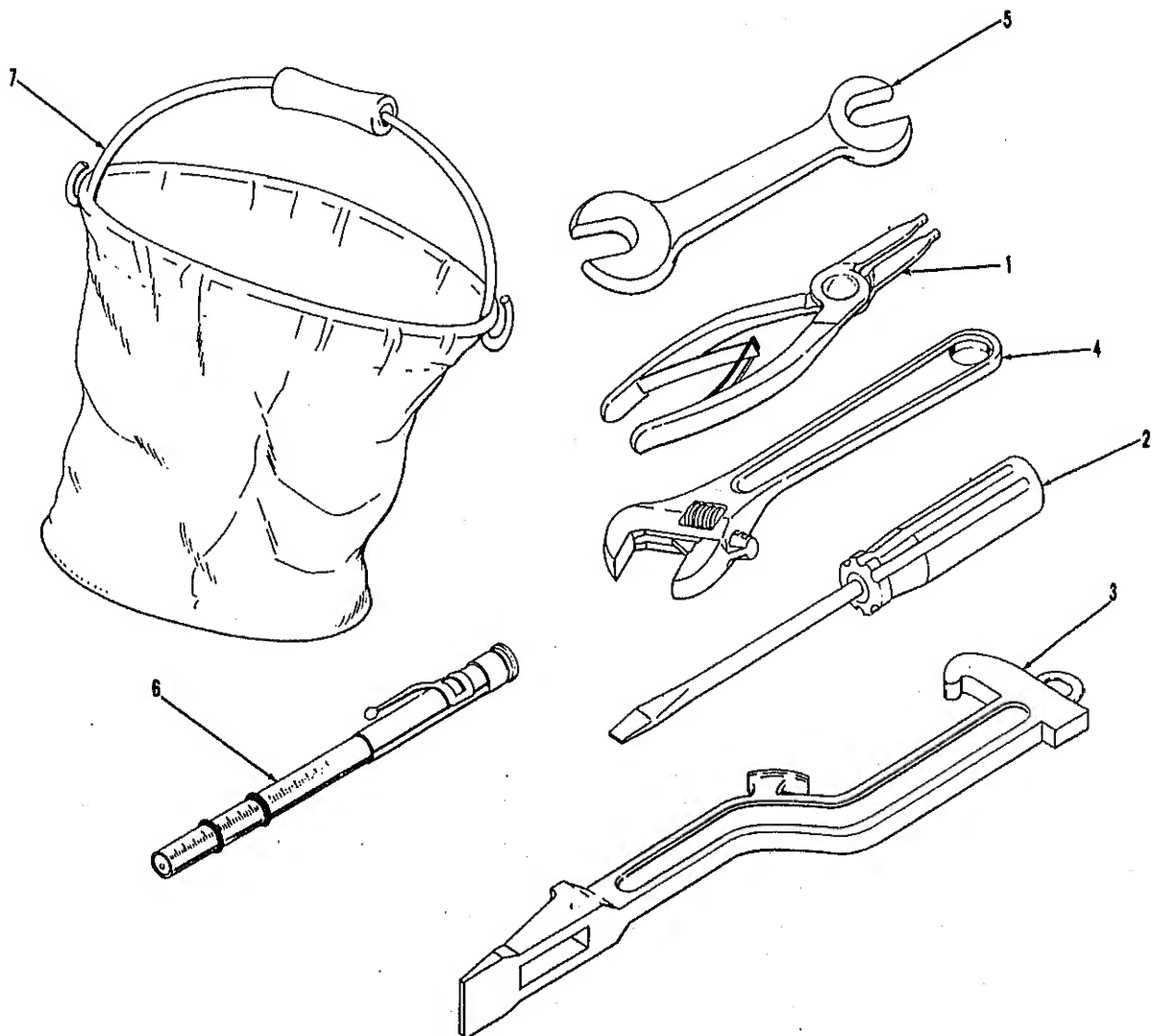
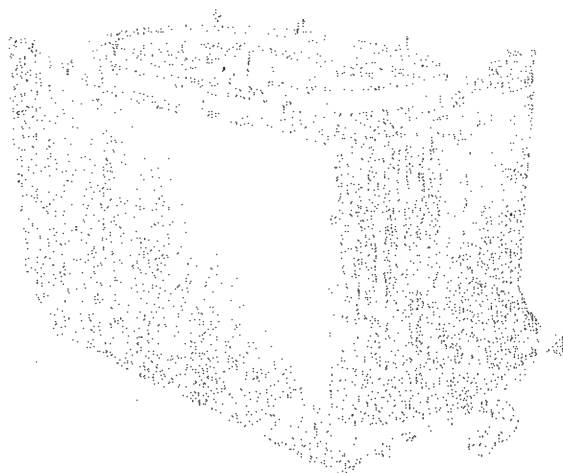


Figure 1. Tools and equipment.



A PUMP UNIT ASSEMBLY



A TANK UNIT ASSEMBLY AND PERSONNEL DECONTAMINATION

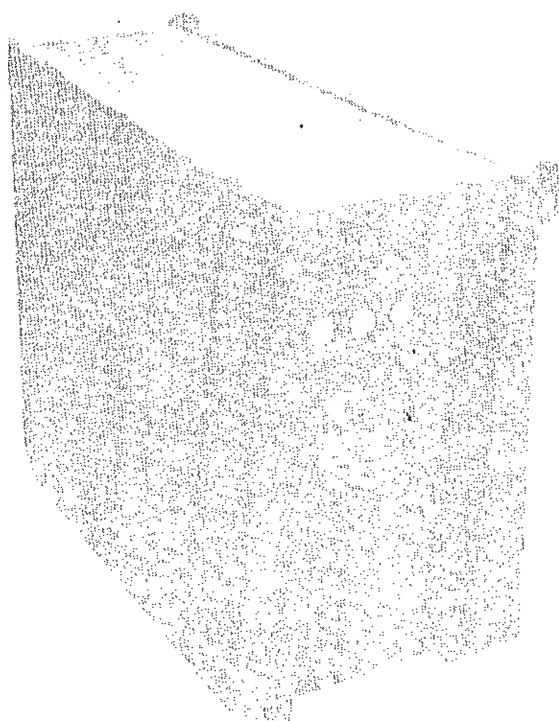


Figure 2—Continued.

Figure 2. Decontaminating Apparatus, M12A1
(Pump Unit and Tank Unit).

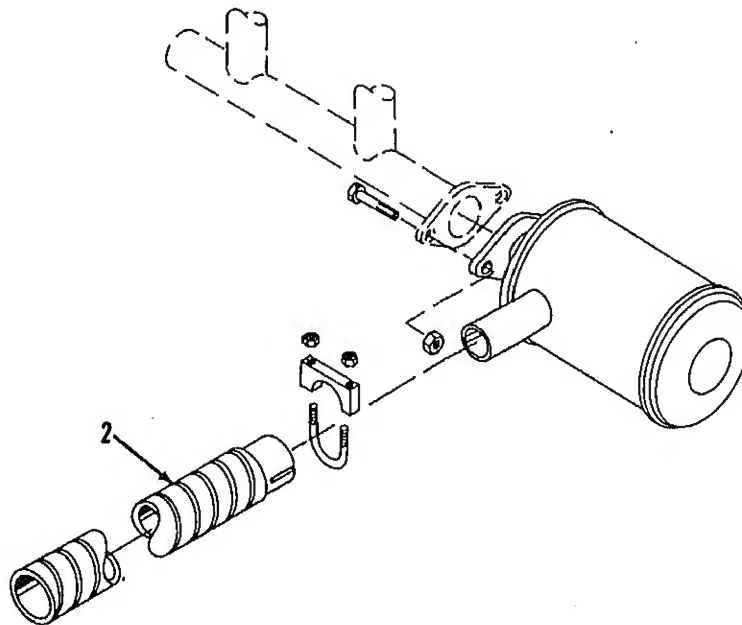
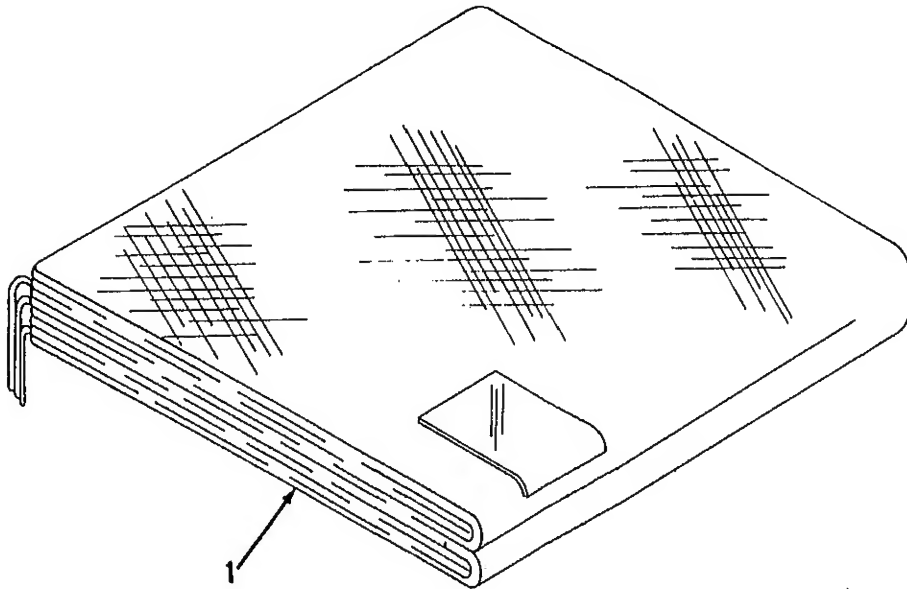


Figure 3. Cover and exhaust.

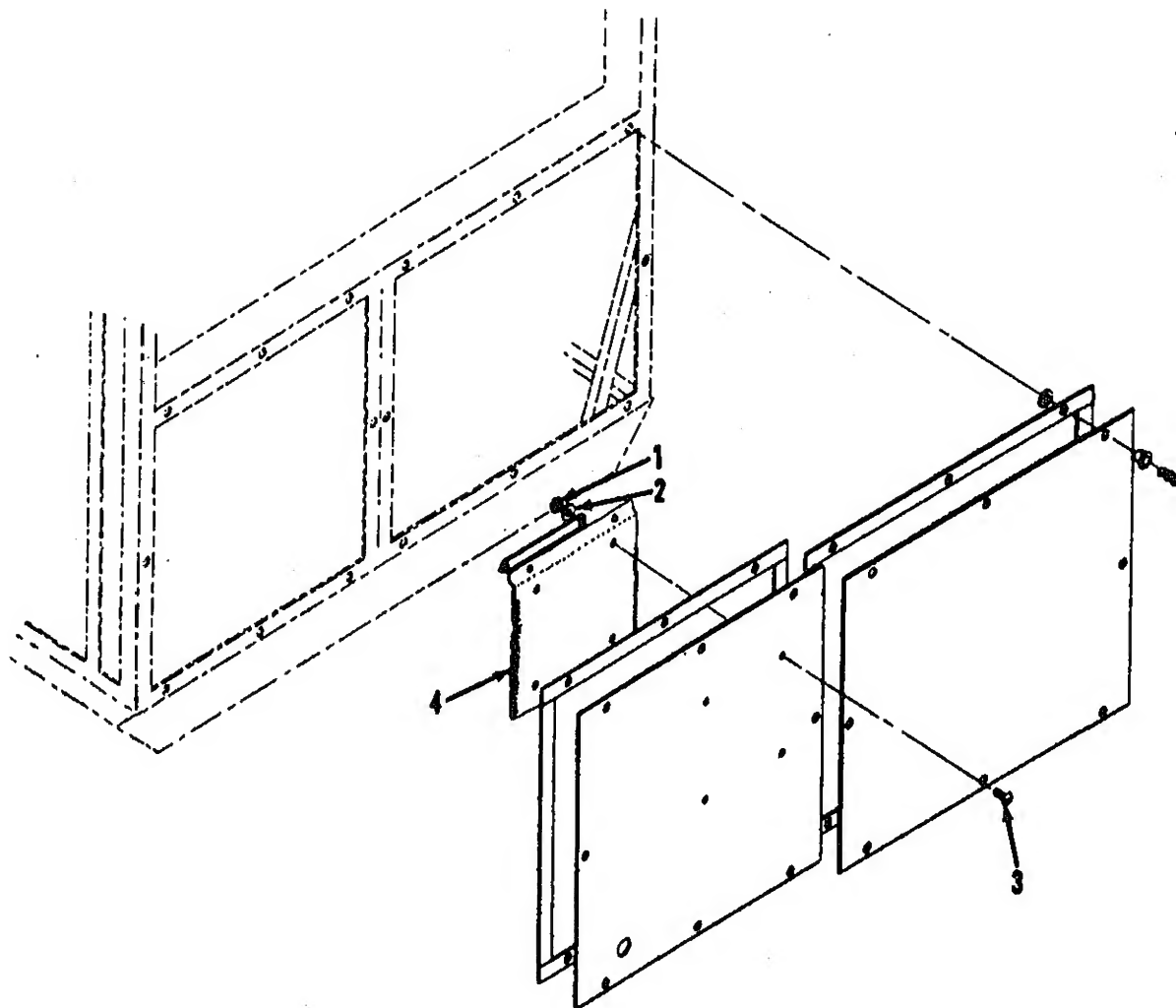


Figure 4. Front panels.

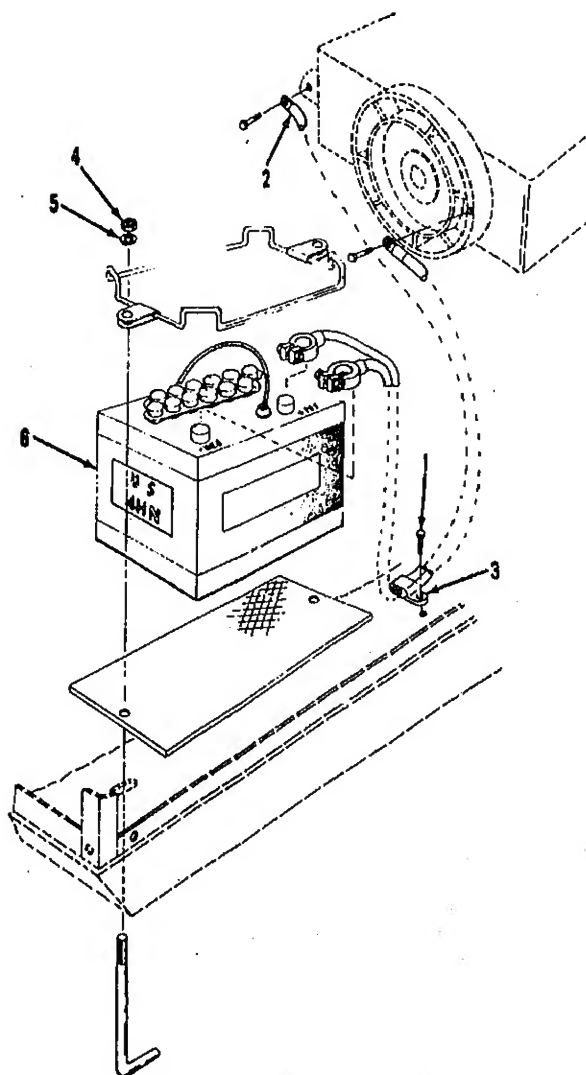


Figure 5. Battery assembly.

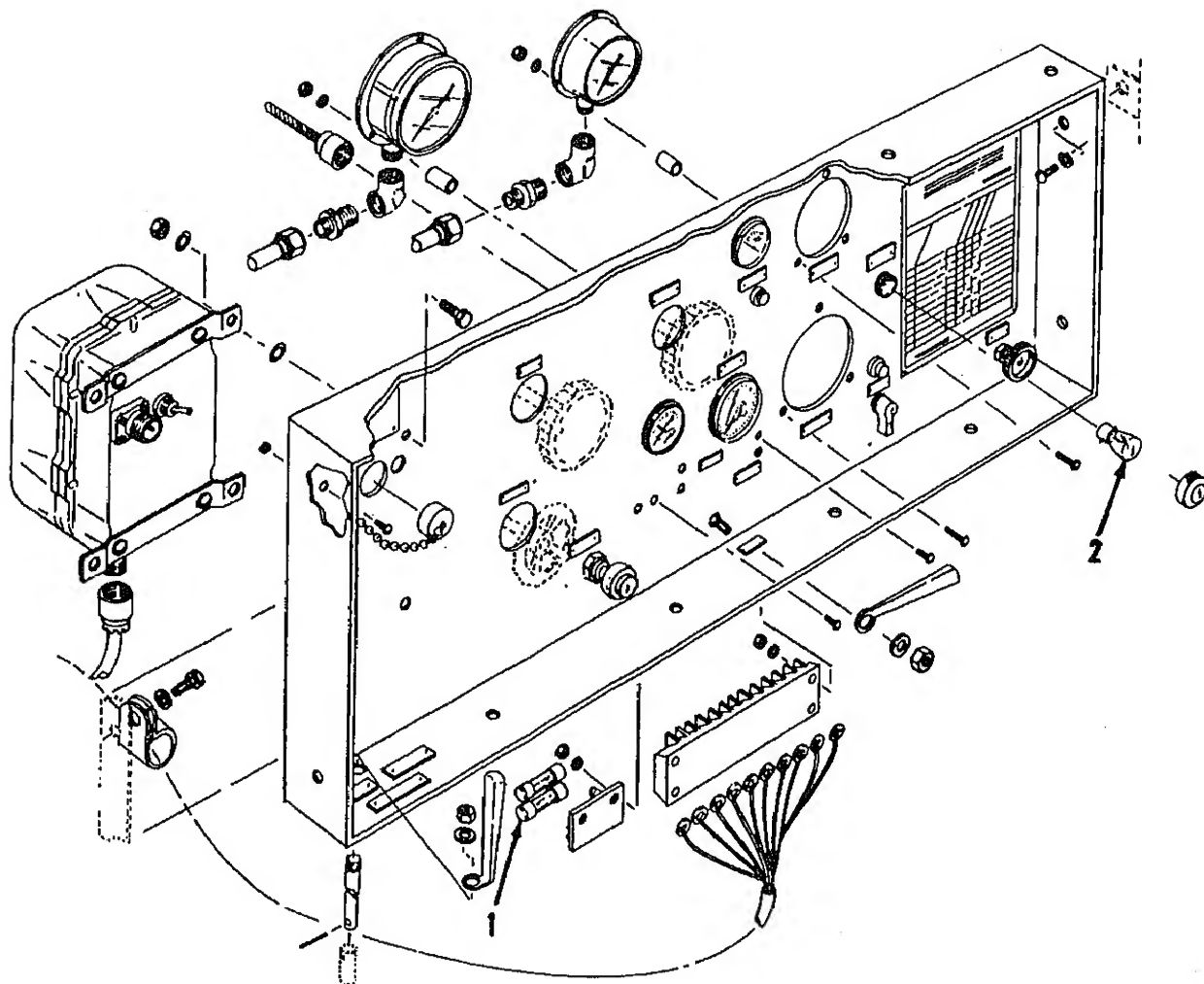


Figure 6. Control panel.

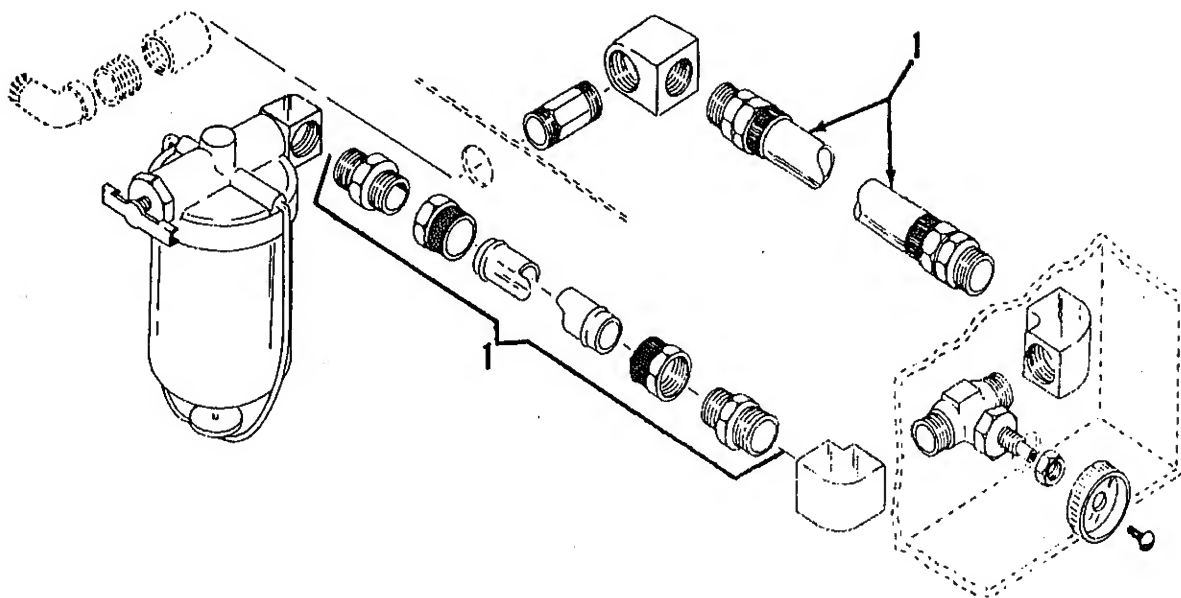


Figure 7. Hose and fuel valve.

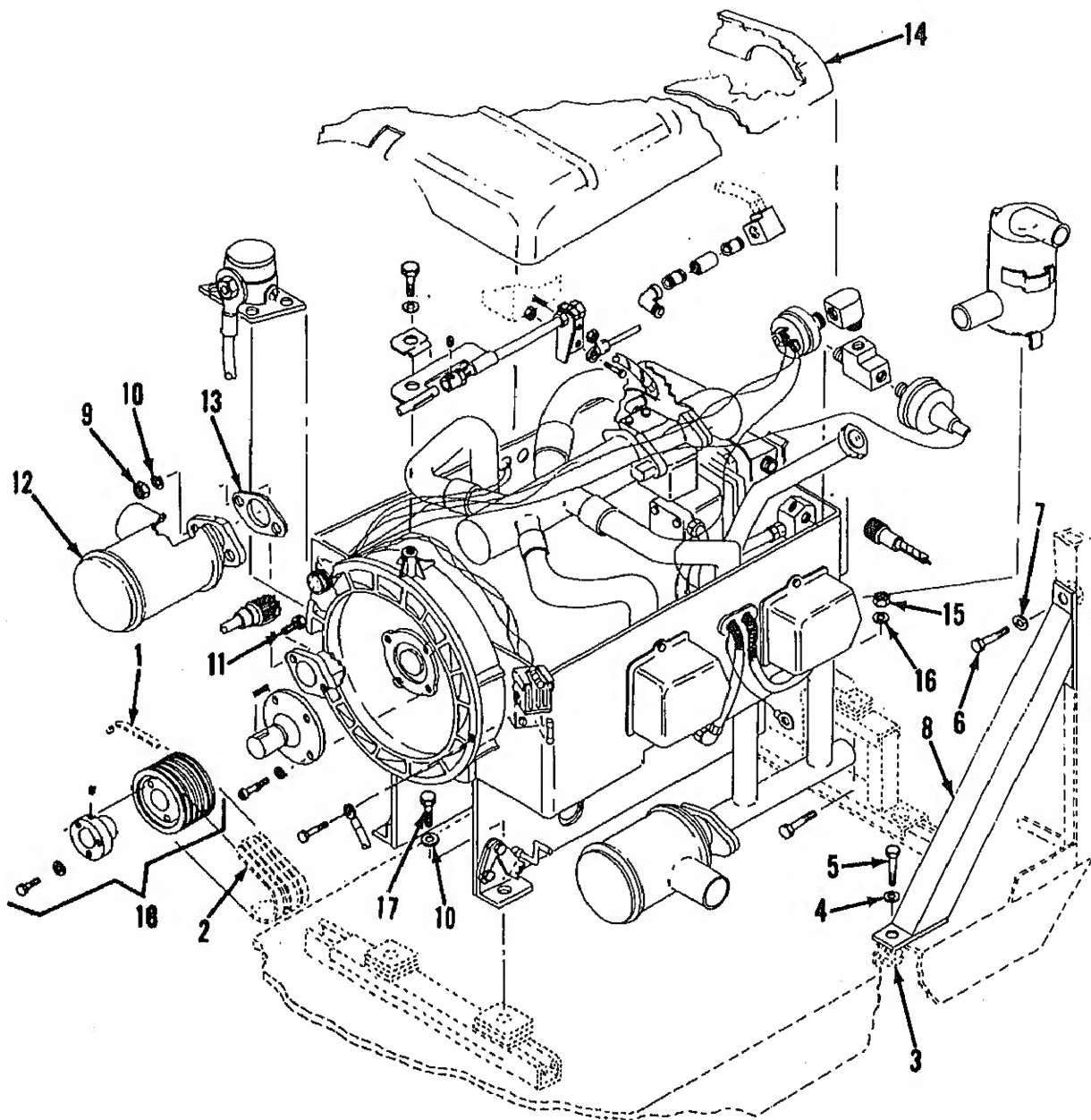


Figure 8. Engine and drive.

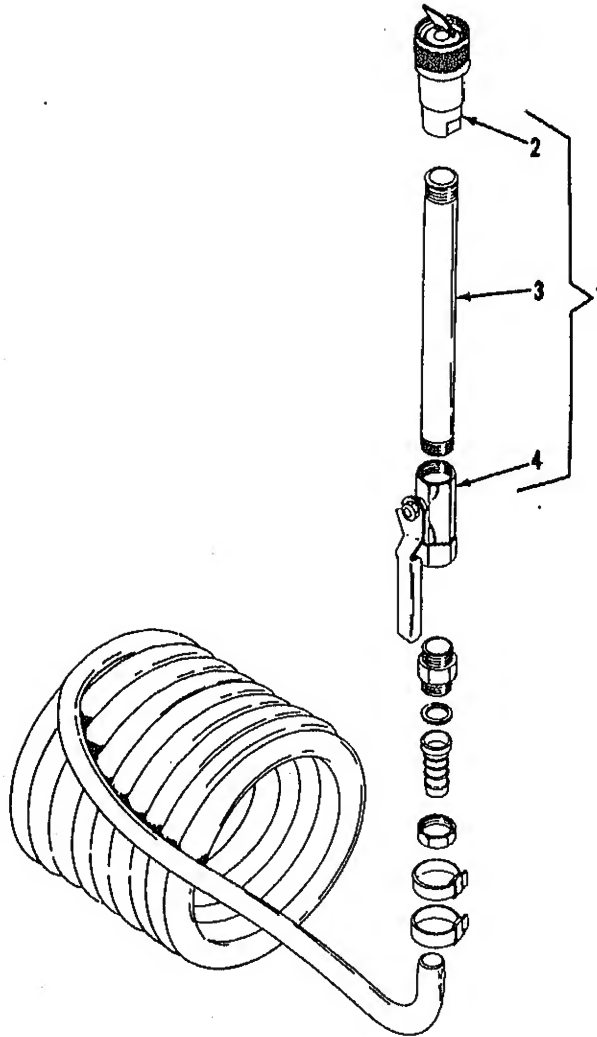


Figure 9. Discharge hose and slurry gun.

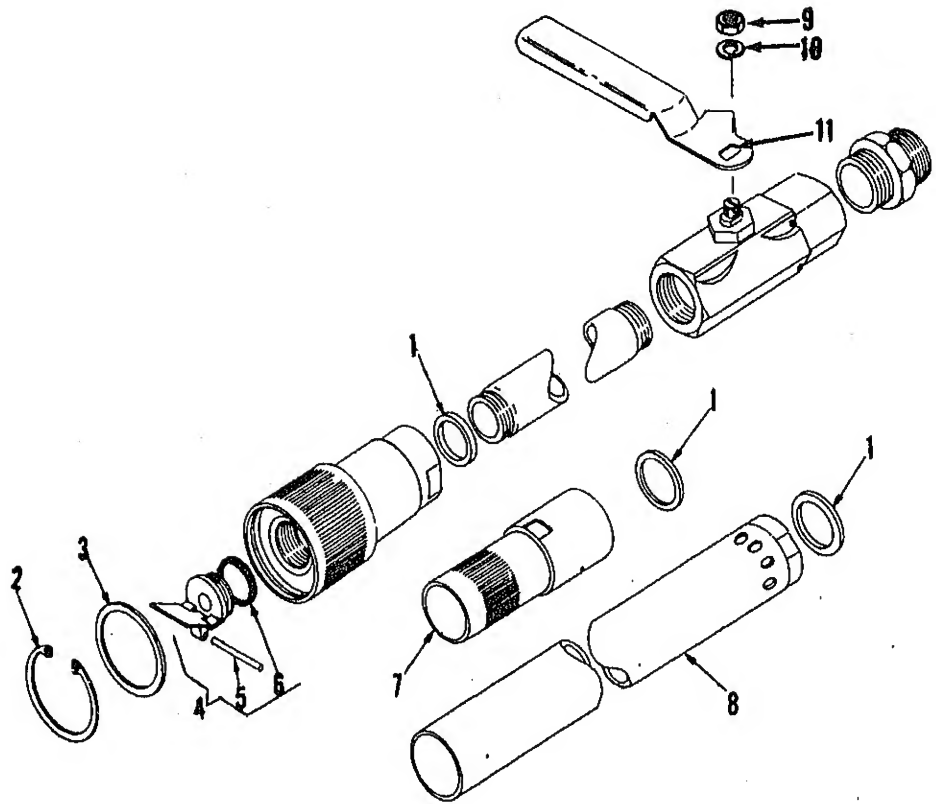


Figure 10. Slurry gun and nozzles.

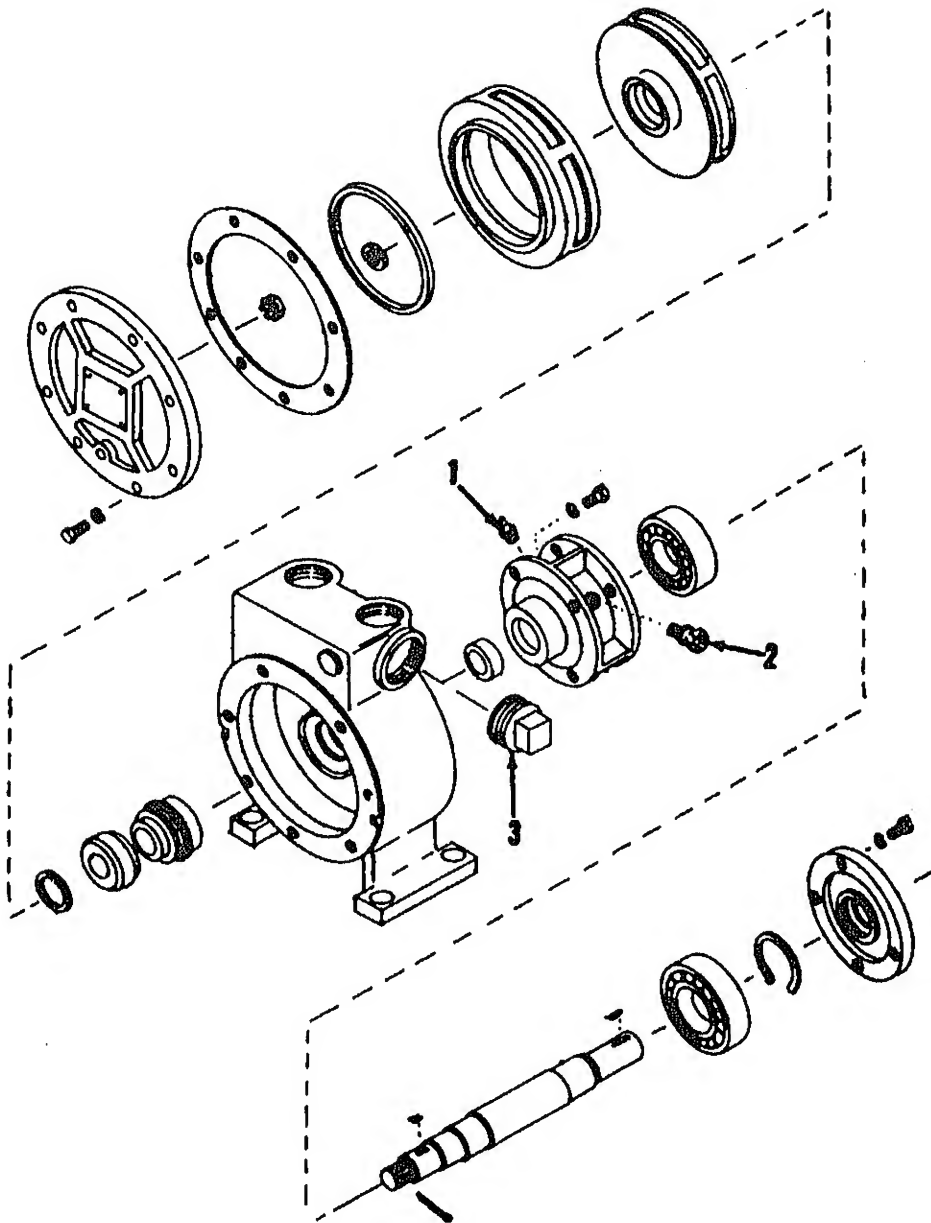


Figure 11. Pump.

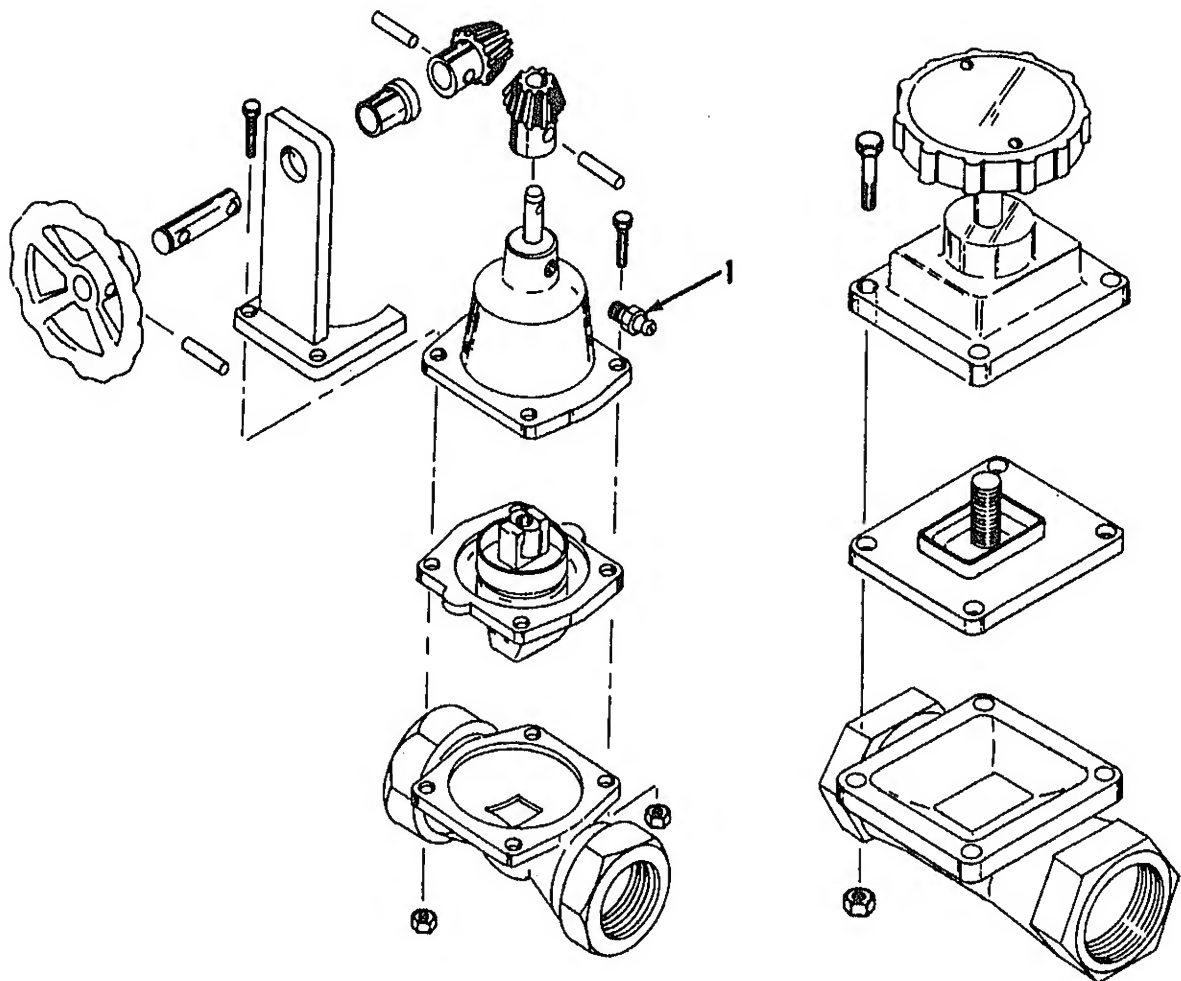


Figure 12. Diaphragm valves.

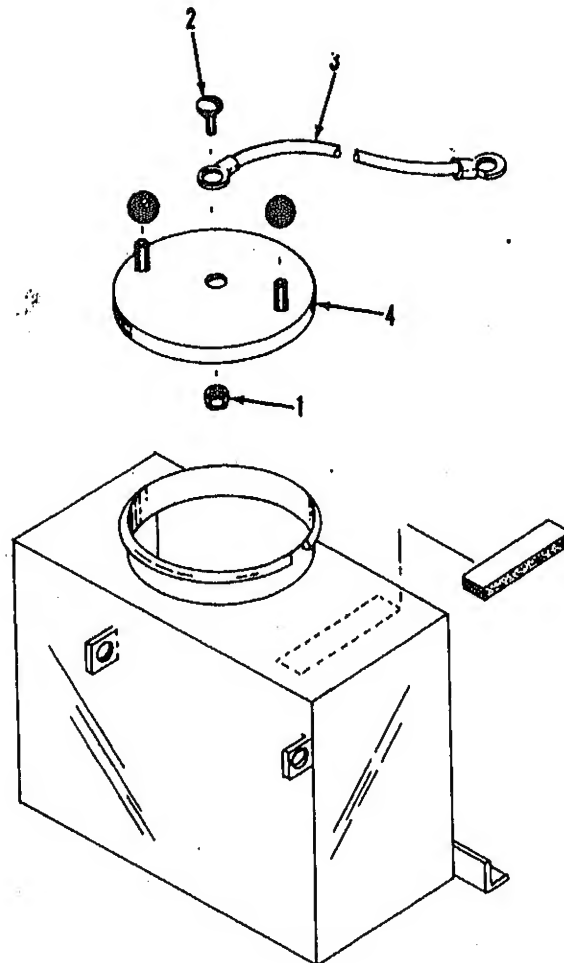


Figure 13. Prime-detergent tank.

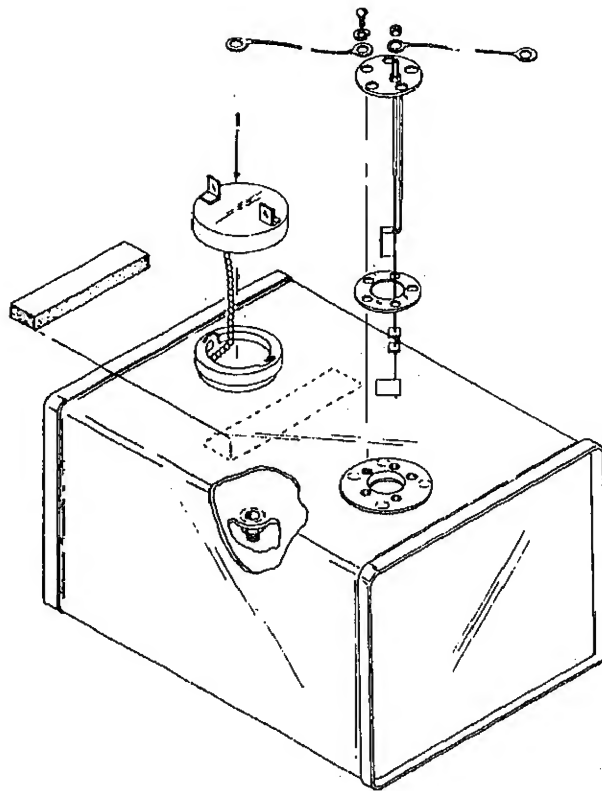


Figure 14. Fuel tank.

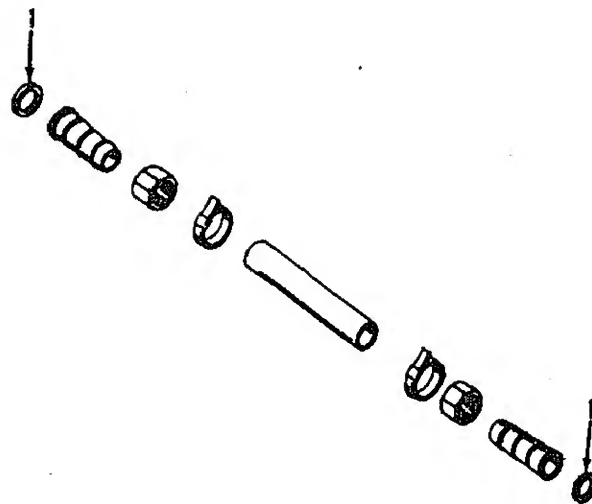


Figure 15. Hose.

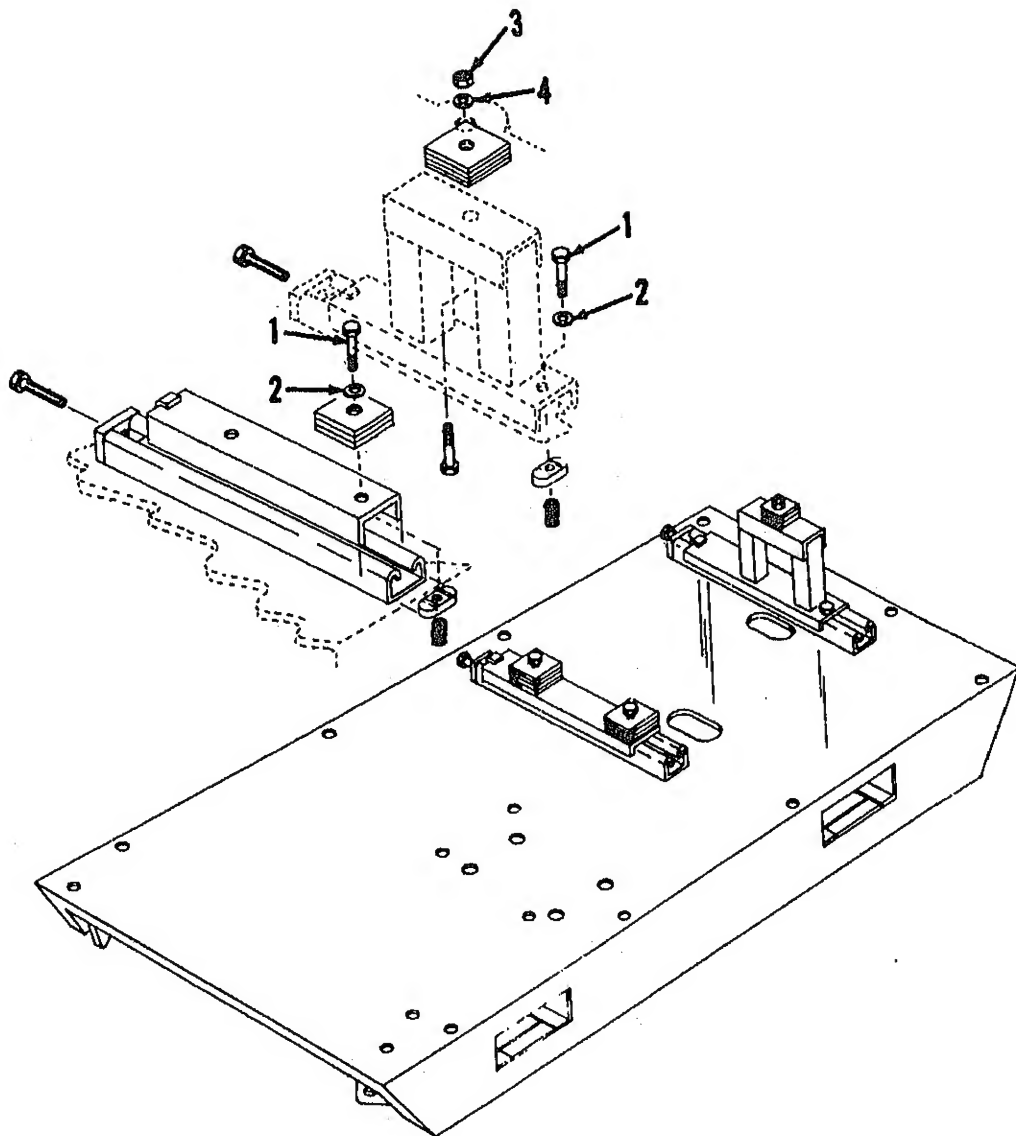


Figure 16. Skid.

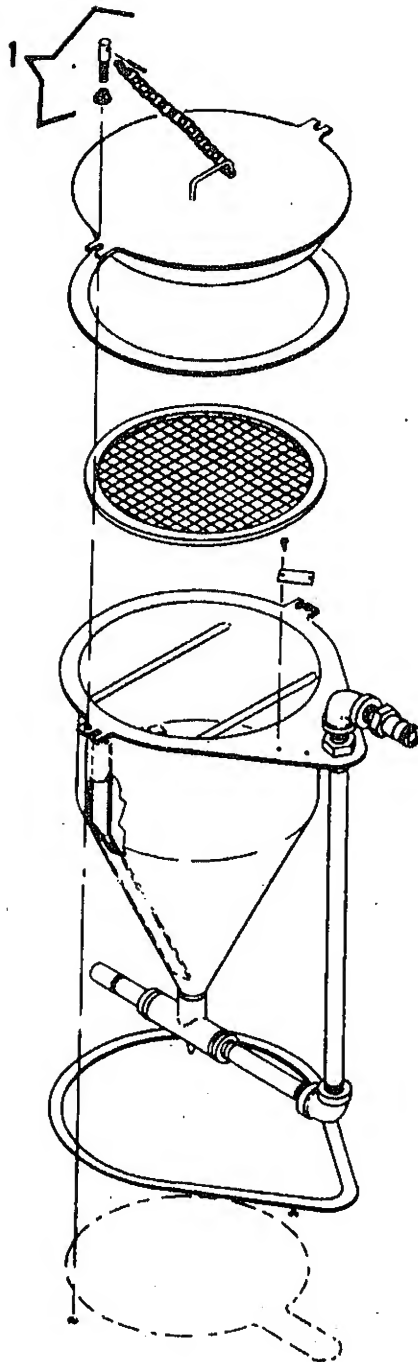


Figure 17. Hopper, tank.

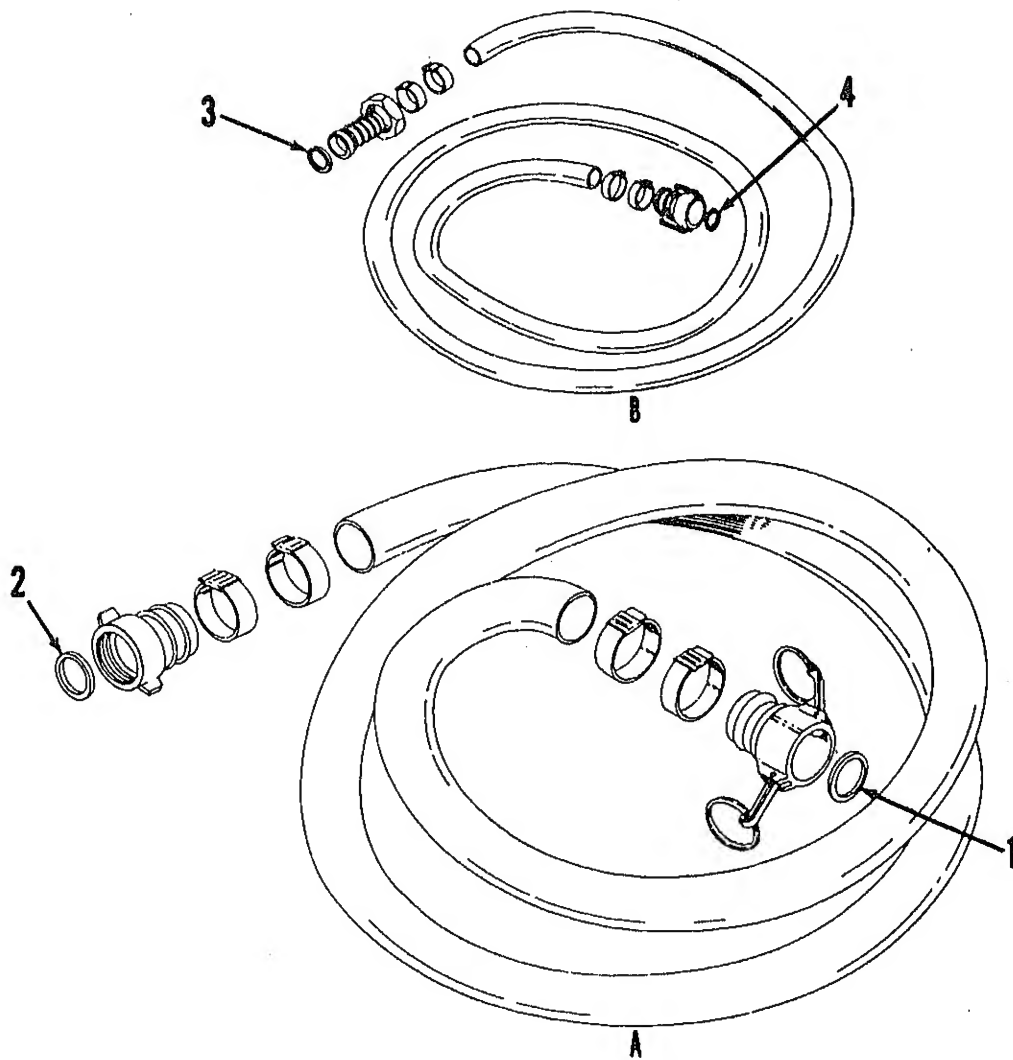


Figure 18. Hose, suction and blender.

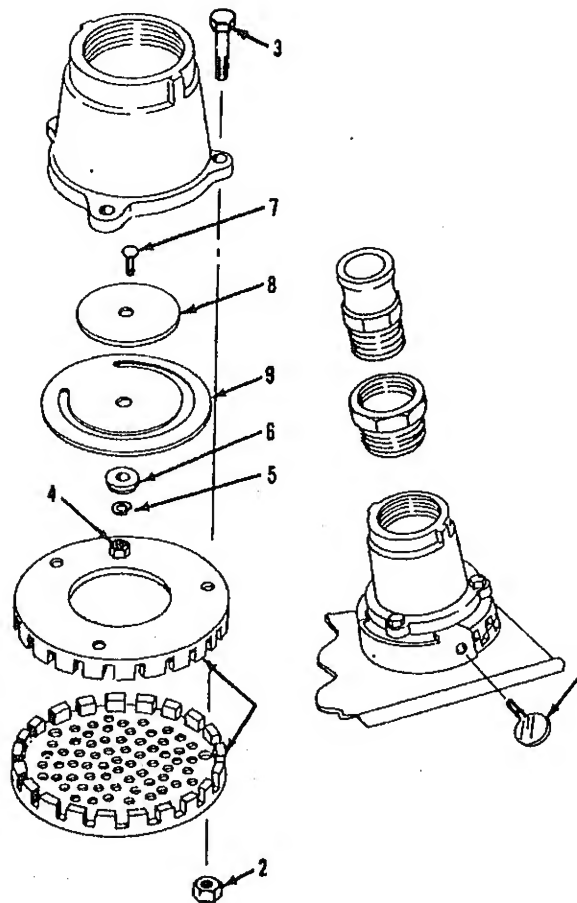


Figure 19. Foot valve.

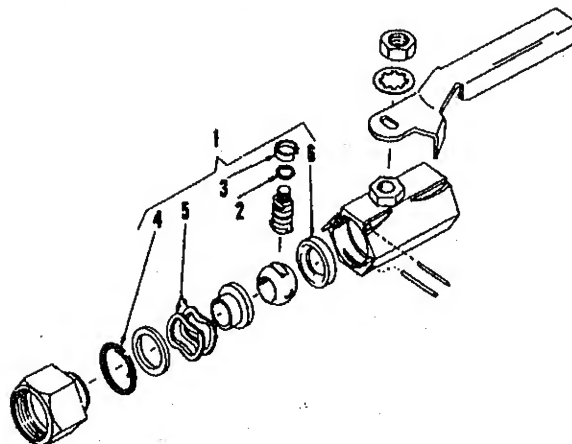


Figure 20. Gun repair kit.

SECTION V

INDEX—FEDERAL STOCK NUMBER AND REFERENCE NUMBER

CROSS-REFERENCE TO FIGURE AND ITEM NUMBER

Stock Number	Figure No.	Item No.	Stock Number	Figure No.	Item No.	Reference No.	Mfg Code	Fig No.	Item No.	
2520-560-4871	11	2	5310-225-6993	16	3	GGG-W-636	81348	1	5	
2910-141-9758	14	1	5310-407-9566	8	7	MIL-P-10018	81349	1	7	
2910-297-5948	8	13	5310-576-5752	4	2	MS15003-1	96906	11	1	
2910-907-2705	7	1	5310-582-5905	19	5	MS15461-6	96906	1	4	
2990-900-9688	8	12	5310-637-9541	8	10	MS15569-7	96906	6	2	
2990-994-0827	3	2	5310-637-9541	16	2	MS16152-2	96906	1	3	
3030-843-8393	8	1	5310-761-6882	19	4	MS16625-4156	96906	10	2	
3030-880-2020	8	2	5310-809-5998	8	16	MS21044-C3	96906	13	1	
4210-809-4862	10	7	5310-809-5998	16	4	MS21334-5	96906	5	3	
4210-816-5585	10	8	5310-984-3806	5	4	MS27183-12	96906	5	5	
4230-402-4349	10	3	5310-984-3806	8	3	MS27183-12	96906	8	4	
4230-509-2556	10	11	5316-616-5328	10	5	MS27183-18	96906	8	16	
4230-787-7417	18	4	5330-081-5836	10	6	MS27183-18	96906	16	4	
4230-787-7432	18	1	5330-533-2984	18	2	MS35207-261	96906	4	3	
4230-816-5589	9	2	5330-811-9471	18	3	MS35333-39	96906	4	2	
4230-820-1846	9	1	5330-811-9472	10	1	MS35338-26	96906	10	10	
4230-857-9317	10	4	5340-806-0204	10	2	MS35338-44	96906	19	5	
4230-900-9687	15	1	5340-900-8712	5	3	MS35338-45	96906	8	7	
4230-926-9488	2	---	5920-131-9915	6	1	MS35338-46	96906	8	10	
4230-930-1981	17	1	6140-059-3528	5	6	MS35338-46	96906	16	2	
4230-943-5586	8	1	6140-903-4002	5	2	MS35645	96906	14	1	
4230-945-2539	13	3	6240-019-0878	6	2	MS35650-102	96906	4	1	
4230-970-3378	20	1	6635-921-6255	1	6	MS35690-505	96906	10	9	
4320-374-3265	19	6	8465-224-9506	1	7	MS35690-505	96906	19	2	
4320-374-3267	19	8				MS51922-9	96906	5	4	
4730-050-4208	11	1	Reference No.	Mfg Code	Fig No.	Item No.	MS51922-9	96906	8	3
4730-540-2458	12	1	A10-08599	51378	20	1	MS51922-33	96906	8	15
4820-930-1982	19	9	B5-45-2635	81361	18	3	MS51922-33	96906	16	3
5120-088-9393	1	1	B5-45-2773	81361	11	2	MS51958-63	96906	13	2
5120-187-7120	1	5	B5-45-2934	81361	10	1	MS51967-2	96906	19	4
5120-278-1280	1	2	B5-45-2934	81361	10	1	MS51967-7	96906	8	9
5120-293-1602	1	3	B5-45-3033-2	81361	8	8	MS75047-1	96906	5	6
5120-423-6728	1	4	B5-45-3037	81361	13	3	MS90080-4	96906	6	1
5140-904-6101	4	4	B5-45-3120-2	81361	18	1	MS90725-33	96906	8	5
5305-059-3659	13	2	B5-45-3130-1	81361	18	4	MS90725-34	96906	8	6
5305-269-3210	8	17	B5-45-3134	81361	5	2	MS90725-43	96906	19	3
5305-269-3210	10	1	B5-45-3144	81361	8	13	MS90725-59	96906	8	17
5305-269-3213	8	11	B5-45-3153	81361	17	1	MS90725-59	96906	16	1
5305-913-2440	19	1	B5-45-3165	81361	8	12	MS90725-62	96906	8	11
5305-990-6444	4	3	B5-45-3195	81361	7	1	S7756-1	51378	10	4
5305-995-1102	5	1	B5-45-3200	81361	15	1	S7770	51378	10	3
5306-225-8498	8	5	C5-45-2563	81361	9	1	S7799	51378	10	6
5306-225-8499	9	6	C5-45-2699	81361	10	7	SD28	72661	18	2
5306-225-8507	19	3	C5-45-2700	81361	9	2	V853	51378	10	11
5306-514-7526	19	7	C5-45-2701	81361	10	8	110161	00000	12	1
5310-778-2813	8	9	C5-45-2911	81361	9	3	12998F	24161	1	6
5310-012-0214	10	10	C5-45-2920	81361	9	4	21033	38455	19	6
5310-012-0376	10	9	C5-45-2996	81361	13	4	21109	38455	19	8
5310-012-0376	19	2	C5-45-3180	81361	8	18	3V315	72781	8	1
5310-012-0614	4	1	C5-45-3191	81361	8	14	3V315 (4)	72781	8	2
5310-081-4219	5	5	C5-45-3256	81361	3	2	31049	38455	19	9
5310-081-4219	8	4	D5-45-3240	81361	4	4	34	89482	1	1
5310-208-9255	13	1	E5-45-3221	81361	3	1	538424	73030	10	5
5310-225-6993	8	15	FF-T-305	81348	19	1	70-4-10	80049	19	7

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For explanation of abbreviations used, see AR 320-50.

